

Calcium hydroxylapatite



Brand Name: Radiesse

Drug Class: Opportunistic Infection and Other Drugs

Calcium hydroxylapatite, also known as CaHA, is the main ingredient of Radiesse. Radiesse is a water-based material that is injected into the skin. Radiesse belongs to the class of medicines called dermal fillers. Injecting Radiesse into facial skin may give it a firmer, fuller appearance.

CaHA is used in many medical applications, such as dental ridge augmentation and tissue marking. CaHA products are used worldwide for facial and plastic reconstructive surgery.

HIV/AIDS-Related Uses

Radiesse was approved by the FDA on December 22, 2006, for the treatment of facial fat loss (also called facial lipoatrophy). It continues to be studied for this use. Facial lipoatrophy is a condition in which people lose fat in their faces, especially in their cheeks and around their eyes and temples. People with HIV who take anti-HIV drugs may develop lipoatrophy.

Radiesse is injected into the skin in areas where fat has been lost. It improves the appearance of folds and sunken areas and hides the fat loss. The effects of treatment appear to last at least a year after the first treatment session.

Radiesse does not cure or prevent HIV infection or AIDS and does not reduce the risk of passing the virus to other people.

Dosage Form/Administration

Radiesse comes in liquid form that is injected under the skin. Radiesse is available in a single-use, sterilized syringe containing 0.3, 1, or 1.3 ml of solution. In each syringe, CaHA particles are suspended in a water-based solution that is injected into the skin. Only a health care provider with special training should inject Radiesse.

Contraindications

Individuals should tell a doctor about any medical problems before using this medicine.

Radiesse should not be used for short-term treatment and should not be used by people allergic to any of the carrier ingredients.

Possible Side Effects

Along with its desired effects, Radiesse can cause

some unwanted effects; not all of these effects are known at this time. In most studies, side effects were mild and included redness, swelling, and bruising at the injection site. Individuals should tell a doctor if they have any of these side effects.

Drug and Food Interactions

A doctor should be notified of any other medications being taken, including prescription, nonprescription (over-the-counter), or herbal medications.

Clinical Trials

For information on clinical trials that involve Calcium hydroxylapatite, visit the ClinicalTrials.gov web site at <http://www.clinicaltrials.gov>. In the Search box, enter: Calcium hydroxylapatite AND HIV Infections.

Manufacturer Information

Calcium hydroxylapatite
BioForm Medical, Inc.
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(650) 286-4000

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For More Information

Contact your doctor or an AIDSinfo Health Information Specialist:

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For More Information (cont.)

- Via Phone: 1-800-448-0440 Monday - Friday, 12:00 p.m. (Noon) - 5:00 p.m. ET
- Via Live Help: http://aidsinfo.nih.gov/live_help Monday - Friday, 12:00 p.m. (Noon) - 4:00 p.m. ET